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Gentry

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(54) **SPEECH INTERACTION FOR UNMANNED AERIAL VEHICLES**

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See application file for complete search history.

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(57) **ABSTRACT**

An unmanned aerial vehicle (UAV) may be used for delivering products or other articles. The UAV is configured to detect the presence of nearby people, animals, or other interactive objects. Upon detecting a nearby object, the UAV may produce speech in order to warn or instruct the object. The UAV may also have speech input capabilities in order to capture and respond to speech from the object. The UAV may conduct a speech dialog with a nearby person in order to request information and/or answer questions from the object. In certain situations, the UAV may detect whether an object is in the way of a desired landing area and may communicate with the object through speech to ask the object to move or to ask the object to specify an alternative landing area.

20 Claims, 7 Drawing Sheets

